



ABRAM URBAN DISTRICT COUNCIL.

MEDICAL OFFICER'S ANNUAL REPORT, 1914.

SPRINGFIELD HOUSE,

ABRAM,

February, 1915.

To the Chairman and Members of the Abram Urban District
Council.

Gentlemen,

I have much pleasure in presenting to you my report on the health and general conditions of your township for the year ending December 31st, 1914.

The acreage, as per County Surveyor's Report, is 1,984.

The subsoil is almost entirely clay, and owing to subsidences of the land consequent on mining operations, there is an ever-increasing quantity of land more or less permanently under water.

Almost the entire population is of the artisan class, labour being found for practically all the males and a small proportion of the females at the various collieries in the district, the remaining portion of the females obtaining employment in the cotton mills in the various surrounding districts.

The total number of inhabited houses is 1,294, an increase of two on the previous year's report. The population, estimated to the middle of the year, is 7,198, and the average number of persons per house is 5.56, as compared with 5.33 as given at the census of 1911.

The rateable value of the district is £45,197, the assessable value £39,718. A penny rate produces £165, the district rate being 3s. 6d. in the £, the poor rate 3s. 4d., and the water rate 1s. 6d.

STATISTICS.

Total deaths registered in the district	...	...	86
Deaths registered outside but belonging to the district	...	...	22
Total	...	...	108

These deaths comprise 63 males and 45 females. The death-rate for the whole district is 15 per thousand; this is very slightly higher than for the year 1913, viz., .35 per thousand.

The details of these deaths are:—

Under 1 year.	1 & under 2 years.	2 & under 5 years.	5 & under 15 years.	15 & under 25 years.	25 & under 45 years.	45 & under 65 years.	65 and upwards.
24	9	8	5	10	14	21	17

Again it will be noticed that the greatest numbers of deaths are at each extreme end of the table.

The ward distribution is:—

	Population.	Total Deaths.	Rate per thousand.	Deaths under 1 year.	Rate per 1000 births.
Abram Brow	2191	35	15.97	6	84
Bamfurlong	2403	38	15.81	13	197
Bickershaw	1458	18	12.34	2	49
Plank Lane	1146	17	14.83	3	83

In comparison with the previous year, Abram Brow and Bickershaw Wards show an increase, while Bamfurlong and Plank Lane Wards show a decrease.

In Plank Lane Ward the improvement is most marked, more especially in the infantile death-rate. This is a very gratifying feature.

In Bamfurlong Ward, while the general death-rate is slightly lower than in the previous year, the infantile death-rate is considerably higher, and is very easily the highest for the whole township.

On further analysis of these deaths one finds that in the Abram portion of this ward there are 17 deaths altogether (5 in infants under twelve months and 12 in all persons from twelve months upwards), while in the Bamfurlong portion there is a total of 21 deaths (8 in infants under twelve months and 13 in all persons over that age).

Cross Street, which comprises 23 houses, provides 7 deaths, 4 of which are in children under twelve months and 3 over that age, and I have given instructions to the Nurse Visitor to pay very particular attention to this street.

Zymotic Diseases, including Diarrhœa and Enteritis but excluding all forms of Tuberculous diseases, have caused 12 deaths. This is a reduction of 14 on the previous year. The causes of these deaths are: Enteric Fever 1, Measles 3, Scarlet Fever 2, Whooping Cough 1, Diphtheria and Croop 2, and Diarrhœa 3.

The Ward distribution and rates per thousand are as follows:—

	Number.		Rate per thousand. of population.
Abram Brow	3	...	1.36
Bamfurlong	6	...	2.49
Bickershaw	1	...	0.68
Plank Lane	2	...	1.74

All the wards show a gratifying decrease over the figures of the preceding year.

Tuberculous Diseases. The deaths from these diseases are 13 in number, being more than double those of the previous year. 9 of these are from Pulmonary Tuberculosis, 2 Tuberculous Meningitis, and 2 from Abdominal Tuberculosis.

The ward distribution is:—

	Pulmonary Tuberculosis,		Other Tuberculous Diseases.		Total.
Abram Brow	4	...	1	...	5
Bamfurlong	3	...	3	...	6
Bickershaw	1	...	—	...	1
Plank Lane	1	...	—	...	1
	—		—		—
Totals	9	...	4	...	13

Measles. 3 deaths are due to this class of disease, a considerable reduction upon 1913. The outbreak, which occurred in October, was more particularly severe in the Abram portions of Abram Brow and Bamfurlong Wards, and chiefly affected children under school age. There was no necessity to resort to school closure on this account. The approximate number of cases was about 50, and the percentage of deaths to cases is 6.

Scarlet Fever. This disease was very prevalent during the last three months of the year and has caused 2 deaths. The outbreak commenced in Plank Lane Ward and then became more or less general throughout the district, cases occurring here and there where there could be no possibility of actual contact. In as many instances as possible an early removal to the Isolation Hospital was effected, and the houses thoroughly fumigated. St. Andrew's School at Plank Lane was closed for a period of three weeks owing to this outbreak.

Enteric Fever. 7 Cases were notified, and there was 1 death from this cause in Abram Brow Ward.

Whooping Cough caused 1 death, Diphtheria 2 (both in Bamfurlong Ward), and Diarrhoeal Diseases 3.

Respiratory Diseases. 28 deaths from these causes, 6 more than the previous year, and comprising: Bronchitis 12, Pneumonia 12, and other diseases 4. The death-rate from these diseases is 3.88 per thousand.

Cancer has occasioned 4 deaths, 1 less than the previous year.

Heart Diseases. 6 deaths from these causes, 1 more than in the previous year.

Diseases incidental to infancy and including Premature Births, Congenital Malformation, Atelectasis, and Debility are 9 in number, being 2 less than the previous year.

Deaths due to accident are 9 in number, and include the bodies of three men recovered from the Maypole Colliery, victims of the explosion of 1908.

Deaths from all other causes, defined and ill-defined, are 25 in number. There have been 2 uncertified deaths, and one in an illegitimate child under twelve months old.

Births. 214 have been registered during the year, consisting of 108 males and 106 females. The number of births is 5 fewer than in the preceding year, but the birth-rate is very satisfactory one of 29.73 per thousand, and is slightly above the average for the preceding five years. 9 of these births are illegitimate.

The ward distribution and rates per thousand for each ward are as follows:—

	Boys	Girls	Total	Rate per thousand of population.
Abram Brow	35	36	71	32.40
Bamfurlong	39	27	66	27.46
Bickershaw	18	23	41	28.80
Plank Lane	16	20	36	31.41
Total	108	106	214	29.73

Abram Brow and Bickershaw Wards show an increase on the figures of the previous year, while Bamfurlong and Plank Lane Wards show a decrease.

Notifications. 111 have been received during the year, representing 108 cases, three cases of Tuberculosis being duplicated. This is an increase of 47 over the figures of 1913; this increase is entirely due to the large number of cases of Scarlet Fever occurring in the township.

The ward distribution is given in Table II. at the end of this report.

Factory and Workshops Act. The premises coming under this heading have been visited and generally found in a satisfactory condition. In two cases a want of cleanliness was found, and in another insufficiency of ventilation.

The premises consist of:—

Bakehouses	...	...	...	10
Workshops	...	...	...	9
Workplaces	...	...	...	11
				—
Total	...	...	...	30
				—

Dairies and Cowsheds have been visited and found generally satisfactory; in one instance particularly has a great improvement been effected, but there are still several places where decided improvement in lighting, ventilation and particularly storage of manure can and ought to be effected. There is also still plenty of opportunities of improved cleanliness, both in the cattle and the attendants.

Bakehouses have been examined and found generally satisfactory.

Midwives Act. The working of this act continues satisfactory. There has not been a case of Puerpural Septicaemia and only two cases of Ophthalmia Neonatorum, and one only of these was in the practice of a certified midwife.

Notification of Births Act. Your Council adopted this Act, which came into operation on October 1st, 1914, and appointed a part-time Nurse Visitor. Since the Act came into force up to the end of the year 54 births have been notified, and 111 visits have been made by the Health Visitor. It is yet too early to speak of any benefits derived from this procedure, but I feel very sure that these will amply reward the Council for any expenditure incurred.

Housing and Town Planning. During the year the Inspector, Mr. Roby, has visited 35 houses. Seven of these have been considered unfit for human habitation and closing orders made. Four other houses for which closing orders were served previously have been put into habitable condition, while in 27 others defects found have been remedied. No houses have been demolished during the year.

The general condition of the houses is similar to what has been previously reported. Three new houses, each provided with bath and w.c., have been built during the year by private people. There is still a shortage of houses for working classes, particularly in Abram portions of Abram Brow and Bamfurlong Wards.

The Sanitary Inspector's report is attached hereto.

I am,

Yours obediently,

A. O. BENTHAM,

Medical Officer of Health.

NUISANCE INSPECTOR'S ANNUAL REPORT.

February, 1915.

To the Chairman and Members of the Abram Urban District Council.

Gentlemen,

I beg to give below a summary of the work carried out in the Inspector of Nuisances and Sanitary Department for the year ending December 31st, 1914.

Stopped drains opened and cleaned	106
Drains taken up and relaid or renewed	47
Disconnecting traps fixed to old drains	1
Premises redrained and connected to sewer	1
Ashpits and Closets rebuilt	1
Deep wet ashpits raised and rendered dry	7
Defective ashpits and closets repaired	30
Dust bins provided	6
Privies converted to water closets	76
New water closets	2
Water closets repaired	6
Back passages cleaned and ashed... ..	6
Paving back yards and round gullies	43
Defective slop pipes and waste pipes repaired	21
New ventilating shafts fixed to old drains	13
Downspouts disconnected from drains	1
Poultry and pigeons removed from house yards	1
Defective spouts, roofs, &c., repaired	20
Waterlogged and foul cellars drained and concreted	3
Houses limewashed	53
Dirty premises and foul privies	30
Accumulation of manure and filth and lodgment of water	1
Old drains tested with smoke machine	20
Total	495

83 legal notices have been served, in addition to letters.

Sewers. About 350 yards of new 9in. sewer has been laid, which includes the new arrangement for carrying the sewage from 26 houses at Platt Bridge to the Sewage Works belonging to Hindley Council. Owing to mining subsidence, the connection to Abram sewers had to be cut off. From the same cause about 100 yards of old sewers had to be raised.

Three new manholes have been built and two vent shafts erected.

Sewage Disposal Works. Good results continue to be produced, and all the samples taken by the Rivers Committee have been near the top of the list.

Factory and Workshops Act, 1901.

Workshops—					
Tinsmith	...	...	...	...	1
Blacksmith	...	...	...	...	1
Milliner and Dressmaker	...	...	...	...	1
Clogger	...	...	...	...	5
					— 9
Workplaces—					
Dressmaker	...	...	...	...	10
Watchmaker	...	...	...	...	1
					— 11
Bakehouses	...	...	...	...	10
					—
Total	...	...	...	...	30

Disinfection. 71 houses and 3 schools have been fumigated with sulphur and formalin, and the following articles were passed through the steam disinfecter at the Sanatorium:—

Beds	...	...	...	...	49
Bolsters and Pillows	...	...	...	...	114
Quilts	...	...	...	...	66
Sheets	...	...	...	...	46
Pinafores and Blouses	...	...	...	...	71
Blankets	...	...	...	...	98
Dresses	...	...	...	...	87
Underclothing	...	...	...	...	190
Coats and Trousers	...	...	...	...	85
Caps and Bonnets	...	...	...	...	33
Sundry Articles	...	...	...	...	350
					—
Total	...	...	...	...	1189

Nightsoil. 3,790 Ashpits have been cleaned, containing 3,230 loads, being an increase over last year of 700 and 400 respectively. Few complaints have been received.

New Property. Three houses have been built and tenanted, all provided with baths and water closets. Two others are nearing completion.

Slaughter House. This continues to be managed very satisfactory and kept in order. About 60lbs. of tuberculous meat has been condemned.

Cowsheds and Dairies. Desired improvements have been effected at two farms, and special provisions made for manure storage at two others, in accordance with the Bye-laws, these latter being the only cases in the district to conform to the Bye-laws in this respect. Improvements are needed at many other cowsheds.

Schools. The asphalting of the surface of the playground at St. Andrew's School, Plank Lane, has abated a very serious nuisance.

Canal Boats. Inspections were made of 60 boats passing through the township, but in only one instance was it necessary to caution an occupant about the dirty conditions found. The slovenly boat people are not so prominent as formerly.

I beg to be,

Your Obedient Servant,

WM. H. ROBY,

Inspector of Nuisances.

TABLE I.
VITAL STATISTICS OF WHOLE DISTRICT DURING 1914 AND PREVIOUS YEARS.
DISTRICT OF ABRAM.

YEAR	Population estimated to Middle of each Year	BIRTHS			TOTAL DEATHS REGISTERED IN THE DISTRICT.		TRANSFERABLE DEATHS.		NETT DEATHS BELONGING TO THE DISTRICT			
		Un-corrected Number	Number	Rate	Number	Rate	of Non-residents registered in the District	of Residents registered in the District	Under 1 Year of Age		At all Ages	
									Number	Rate per 1000 Births	Number	Rate
1	2	3	4	5	6	7	8	9	10	11	12	13
1909	7200	210	210	29.16	116	16.10	...	2	28	133	118	16.38
1910	7200	200	200	27.7	82	11.38	...	7	22	110	89	12.36
1911	6918	197	197	28.47	109	15.75	4	11	25	120	116	16.76
1912	6989	199	199	28.47	89	12.73	6	10	29	145	93	13.30
1913	7098	219	219	30.85	101	14.22	6	9	28	127	104	14.65
1914	7198	214	214	29.73	86	11.96	.	22	24	112	108	15
											Males 63 Females 45	

Area of District in Acres (land and inland water) ... 1984.

Total population at all ages ... 6893 }
 Number of inhabited houses ... 1292 } At Census of 1911.
 Average number of persons per house 5.33 }

I. Institutions within the District receiving sick and infirm persons from outside the District.	II. Institutions outside the District receiving sick and infirm persons from the District.	III. Other institutions, the deaths in which have been distributed among the several localities in the District.
The Sanatorium, Park Lane, Abram	Wigan Infirmary Union Hospital, Billinge. Haydock Asylum	The Sanatorium, Park Lane, Abram.
Is the Union Workhouse within the District? No.		

TABLE II

Cases of Infectious Disease notified during the Year 1914. District of Abram.

NOTIFIABLE DISEASE.	NO. OF CASES NOTIFIED							TOTAL CASES NOTIFIED IN EACH LOCALITY. (e.g. Parish or Ward of the District.)				Deaths in Hospital of Patients removed from this District.	
	At all Ages	At Ages—Years.						Abram Ward.	Bannflur long ²	Bickershaw Ward.	Plank Lane Ward.		Total Cases removed to Hospital.
		Under 1	1 to 5	5 to 15	15 to 25	25 to 45	45 to 65							65 and upwards
Diphtheria (including Membranous Group) ...	20	...	8	6	4	1	1	6	9	3	2	3	
Erysipelas ...	9	...	1	2	1	1	4	...	1	5	3		
Scarlet Fever ...	53	...	14	36	3	...	...	10	16	5	22	50	2
Enteric Fever ..	7	...	...	3	1	1	2	3	2	1	1	6	1
Puerperal-fever ...	...	...	...	...	...	...	...	...	...	...	...
Pulmonary Tuberculosis	8	...	...	1	1	1	5	2	3	...	3		
Other forms of Tuberculosis	8	...	2	3	2	...	1	3	3	1	1		
Ophthalmia Neonatorum	3	3	...	...	...	...	...	2	...	...	1		
Totals ...	108	3	25	51	12	4	13	26	34	15	33	59	3

Isolation Hospital—Infectious Diseases Hospital.

TABLE III. Causes of, and Ages at Death during Year 1914. District of Abram.

NETT DEATHS AT THE SUBJOINED AGES OF "RESIDENTS" WHETHER OCCURRING WITHIN OR WITHOUT THE DISTRICT.												Total Deaths whether of "Residents", or "non- Residents", in Institutions in the District
CAUSES OF DEATH		1 and 2 and 5 and 15 and 25 and 45 and 65 and under under under under under under under 1 year 2 4 5 6 7 8 9 10 11										
All Ages		2	3	4	5	6	7	8	9	10	11	
1 All causes { Certified { Uncertified Enteric Fever ... Measles ... Scarlet Fever ... Whooping Cough ... Diphtheria and Croup ... Phthisis (Pulmonary Tuberculosis) Tuberculous Meningitis Other Tuberculous Diseases Cancer, malignant disease Meningitis ... Organic Heart Disease ... Bronchitis ... Pneumonia (all forms) Other Diseases of Respiratory Organs Diarrhoea and Enteritis Cirrhosis of Liver ... Nephritis and Bright's Disease... Congenital Debility and Malformation including Premature birth Violent Deaths, excluding suicides Suicide ... Other Defined Diseases... Diseases ill-defined or unknown	106	22	...	...	...	...	...	...	...	...
	2	2	...	...	...	...	...	...	1	...	...
	1	...	...	3	...	...	1	...	...	...	1
	3	...	...	...	...	...	...	...	...	...	...
	2	...	...	1	...	...	...	...	...	...	2
	1	1	...	...	...	...	...	...	...	...	...
	2	...	...	1	1	...	...	...	...	...	...
	9	...	...	...	...	...	3	2	4	...	...
	2	1	...	...	1	...	...	...	...	...	...
	2	...	...	...	...	1	1	...	...	2	1
	4	...	...	...	...	...	...	1	...	...	...
	3	...	1	...	...	...	1	...	...	...	...
	6	...	...	...	...	...	...	1	5	...	...
	12	4	1	1	...	...	...	1	2	4	...
	12	3	3	2	1	...	...	1	1	1	...
	4	1	...	...	...	...	...	...	1	2	...
	3	1	1	...	...	...	1	...	...	...	...
	3	...	...	...	...	...	1	1	1	1	...
	2	...	...	...	...	...	...	1	...	1	...
	9	9	...	...	...	...	...	...	...	...	...
9	...	...	...	1	...	1	4	2	1	...	
1	...	...	...	...	...	...	1	...	...	...
13	2	...	...	1	...	2	2	3	3	...	
3	...	...	...	...	...	...	...	...	...	...
Total	108	24	9	8	5	10	14	21	17	3		

TABLE IV.

District of ABRAM.
INFANTILE MORTALITY DURING THE YEAR 1914.

Nett Deaths from stated Causes at Various Ages under One Year of Age.

CAUSE OF DEATH		Under 1 Week	1-2 Weeks	2-3 Weeks	3-4 Weeks	Total under 1 Month	1-3 Months	3-6 Months	6-9 Months	9-12 Months	Total Deaths under One Year.
ALL CAUSES.	{ Certified Uncertified	...	...	...	...	...	...	...	...	...	...
Measles
Whooping Cough	1	...	...	1
Tuberculous Meningitis	1	...	...	1
Bronchitis	3	1	...	...	4
Pneumonia (all forms)	2	...	1	3
Diarrhoea
Enteritis	1	...	...	...	...	1
Atelectasis	1	...	...	...	...	1
Congenital Malformations	1	...	1	...	...	...	...	1
Premature Birth	2	...	...	...	...	2
Atrophy, Debility and Marasmus	1	...	2	1	2	1	...	6
Other Causes	1	...	1	...	...	1	...	2
Totals	...	4	2	4	...	10	4	7	2	1	24

Nett Births in the year	{ legitimate 205	Nett Deaths in the year of	{ legitimate infants 23
	{ illegitimate 9		{ illegitimate infants 1

Annual Report of the Medical Officer of Health for Year 1914, for the Urban District of Abram.

On the administration of the Factory & Workshop Act, 1901, in connection with Factories, Workshops, Workplaces, & Homework.

1.—INSPECTION of Factories, Workshops and Workplaces.

Including Inspections made by Sanitary Inspectors or Inspectors of Nuisances.

Premises	No. of Inspec- tions.	No. of Written Notices.	No. of Prosecu- tions.
Factories (Including Factory Laundries)	...	...	...
Workshops (including Workshop Laundries)	21	1	...
Workplaces (other than Outworkers' premises included in Part 3 of this Report)	11	1	...
Total	32	2	...

2.—DEFECTS FOUND in Factories, Workshops & Workplaces.

Nuisances under the Public Health Acts—	Number of Defects			No. of Prosecution.
	Found.	Remedied.	Referred to H.M. Inspector.	
Want of Cleanliness		2		
Want of Ventilation		1		
Sanitary Accommodation— Unsuitable or defective				
Total		3		

3.—HOME WORK.

Addresses of Outworkers. Received from other Councils.	Inspections of Out- workers' premises.
Nil.	
Total	Nil.

4.—REGISTERED WORKSHOPS.

Workshops on the Register (s. 131) at the end of the year:

Workshops:						Number.
Blacksmith	...	...	...	...	...	1
Tinsmith	...	...	...	...	...	1
Milliners and Dressmakers	...	...	...	...	...	1
Cloggers	...	...	...	...	...	5
Coffin Makers	...	...	...	...	...	1
Workplaces:						
Dressmakers	...	...	...	...	...	10
Watchmakers	...	...	...	...	...	1
Bakehouses	...	...	...	...	...	10
Total Number of Workshops on Register						30

5.—OTHER MATTERS.

Matters notified to H.M. Inspector of Factories:—

Class.	Number
Failure to affix Abstract of the Factory and Workshops Acts (sec. 133, 1901)	
Action taken in matters referred by H.M. Inspector as remediable under the Public Health Acts, but not under the Factory and Workshop Acts (s. 5, 1901)—	
Notified by H.M. Inspector	
Reports (of action taken) sent to H.M. Inspector	
Other	
Underground Bakehouses (s. 101) in use at the end of the year	

February, 1915.

A. O. BENTHAM,

Medical Officer of Health.

TABLE (C).

COUNTY OF LANCASTER.

Summary of Medical Officer's Report for 1914.

Urban District of Abram.

Medical Officer of Health, A. O. Bentham. Salary, £40.

Inspector of Nuisances, W. H. Roby. Salary, £90.

What is the character of the Hospital Accommodation?

For Small-pox, Corrugated Iron Building.

For other Infectious Diseases, Brick Building.

Is it joint or otherwise? Not Joint.

No. of Beds available for your district: For Small-pox, 4.

For other Infectious Diseases, 8.

Deaths in Hospital of patients removed from your district? 3.

From what causes? Enteric Fever 1, Scarlet Fever 2.

How is Disinfection carried out? Houses, Sulphur and Formalin.

No. of Houses disinfected? 74. Apparatus used for Clothing, Bedding, &c. (steam or otherwise) Steam. Where is apparatus situated? Isolation Hospital.

If Apparatus at a Hospital is available is it used for the disinfection of Clothing, Bedding, &c. of Patients not removed to the Hospital? Yes.

Are any Diseases not specifically mentioned in the Infectious Diseases Notification Act notifiable (for instance, Measles, Whooping Cough, Diarrhœa, Chicken Pox, If so, what are they? No.

Diseases specially prevalent: 1, Measles; 2, Scarlet Fever.

Period? 1, October; 2, October to end of year.

No of times School Closure adopted? 1. For what disease? Scarlet Fever.

No. of Special Reports made under Act XIX. (15 and 16) Sanitary Officers' Order, 1910? None.

Bacteriological Examinations. Specimens examined? Blood 1, Sputum 2.

Arrangement (if any) made under the Diphtheria Anti-toxin Order, 1910? Diphtheria Anti-toxin supplied free on application.

"The Housing of the Working Classes Acts. 1890 to 1909."

Has your Authority determined the procedure to be adopted for the inspection of your District as required by Article 1 of the Regulations? No.

Has your Authority prepared, as required by Article 1 (3), a list of dwelling-houses, the early inspection of which is desirable? No.

Has your Authority designated an officer to undertake the special inspection of houses and to keep the records stipulated by Article 2. If so, what officer? Yes. Inspector of Nuisances.

Have the necessary books, forms, &c., for keeping the required records been obtained? Yes.

Action taken in 1914:

No. of Dwelling-houses inspected under Sec. 17 of the Act of 1909? 35.

No. of Dwelling-houses considered unfit for human habitation? 7.

No. of Representations to Authority with a view to making Closing Orders? 7.

No. of Closing Orders made? 7.

No. of Dwelling-houses in which defects were remedied without making Closing Orders? 27.

No. of Dwelling-houses put into a fit state of habitation after making Closing Orders? 4.

No. of Dwelling-houses demolished? Nil.

Is there a deficiency of housing accommodation? If so, where?

What steps are being taken to meet the deficiency?

Number of New Houses built during 1914.

Yes. For Artisan Classes in Abram Brow and Bamfurlong Wards.

Under consideration,

By and at the cost of the District Council? Nil. By private enterprise? 3.

Source of the Water Supply.	From Liverpool Corporation Mains. Rivington Supply.
What is its condition?	Good.
Possibilities of contamination?	Uncovered Reservoir.
Any Insufficiency, and where?	No.
Is scavenging and Removal of House Refuse carried out satis- factorily for whole of district?	Yes.
How performed (state whether by Sanitary Authority, Contract, or Occupiers of Houses)?	Sanitary Authority.
How is the Refuse disposed of?	Tips.
Has a Destructor been pro- vided?	No.
Sewage Disposal Works. Method of Treatment?	Septic tanks, bacteria beds, and land filtration.
What is the character of the Drainage System?	Surface water separate in princi- pal streets.
Any developements during year?	No.
Action taken — Drain Testing, Flushing, &c.?	All new drains tested with smoke machine. Sewers regularly flushed.
Action taken with regard to the Pollution of Streams?	None.
Canal Boats: Number Inspected?	60.
No. of Infringements of Acts?	6.
What is the condition of the Bakehouses?	Fair generally.
„ Slaughter Houses?	Good. Has a public Abattoir been provided? No.
„ Lodging Houses?	Nil. Are they Registered? —
What is the sanitary condition of the Schools?	Fair. Two require playgrounds paving and one requires im- proved lavatory accommodation.
Dairies, Cowsheds, and Milk- shops— Are they periodically inspected?	Yes. What is their condition? Fair generally.

Have Regulations been made under the order of the L.G.B.?	Yes. Are they enforced? Yes.
Amount of air space in cubic feet required for each cow?	500 cubic feet.
No. of Cowkeepers?	21. No. on Register? 28.
No. of Dairymen or Purveyors of Milk (other than Cowkeepers)?	No. of Inspections during year? 40. 1. No. on Register? 1.
Any arrangements for Veterinary Inspection of dairy cows.	No.
Action taken (if any) as to tuberculous milk?	None.
Total amount of Food seized as unfit for Human Consumption?	60 lbs.
No. of Carcases and parts of Carcases condemned for Tuberculosis?	One.
No. of Legal Proceedings and result?	Nil:
Department of Inspector of Nuisances.	No. of Notices served? 83. Nuisances remedied? 430. No. of Legal Proceedings taken and result? Nil.
Closet accommodation of the District?	No. of Privy Middens? 888. Pail Closets? 23. Fresh Water Closets? 393. Waste Water Closets? Nil. No. of Privy Middens converted during 1914? To w.c.'s 76, to Pails, &c., Nil. No. of Pail Closets converted to w.c.'s? Nil. Does Council contribute towards the cost of conversion of either privies or pail closets, or both? If so, how much? Yes, half cost.

Smoke.

No. of Observations? Nil.

No. of Legal Proceedings taken and result? Nil.

What is the time limit allowed for the emission of black smoke per hour? Not fixed.

Has the Authority adopted—

“The Infectious Disease (Prevention) Act, 1890”? No.

“The Public Health Acts Amendment Act, 1907”? Yes.

“The Public Health Acts Amendment Act, 1890”? Yes.

“The Notification of Births Act, 1907”? Yes.

Has a Health Visitor (whole or part time) being appointed?

Yes (part time).

Has any, and if so, what action been taken respecting Child welfare work?

No.

Notable Sanitary improvements during 1914.

Adoption of Notification of Births Act. School yard asphalted at Plank Lane. Resewering of of small area at Platt Bridge.

Chief Sanitary requirements of District.

Conversion of Privy middens to to Water Closets. Paving of Private Streets. Separation of Common Yards and Paving of Back Passages. Special provision for Manure Storage where animals are kept.

Signed,

A. O. BENTHAM,

Medical Officer of Health.

February, 1915.